

# INTERNATIONAL SEARCH REPORT

Intern      I Application No  
PCT/US2004/032856

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7      A61F2/58

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7      A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 199 06 294 A1 (GURDAN, DANIEL) 7 September 2000 (2000-09-07)	1
A	the whole document	2-18
X	US 3 866 246 A (SEAMONE ET AL) 18 February 1975 (1975-02-18) claim 1; figure 1	1
A	US 5 458 655 A (BOZEMAN, JR. ET AL) 17 October 1995 (1995-10-17) column 1, line 13; figure 1	1-18
A	US 5 800 572 A (LOVEALL ET AL) 1 September 1998 (1998-09-01) claim 4	1-18
A	US 3 020 908 A (DANIELS CHARLES J ET AL) 13 February 1962 (1962-02-13) figure 1	1-18

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

24 March 2005

Date of mailing of the international search report

06/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Korth, C-F

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/US2004/032856

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19906294	A1	07-09-2000	NONE	
US 3866246	A	18-02-1975	NONE	
US 5458655	A	17-10-1995	US 5376128 A US 5480454 A	27-12-1994 02-01-1996
US 5800572	A	01-09-1998	NONE	
US 3020908	A	13-02-1962	NONE	